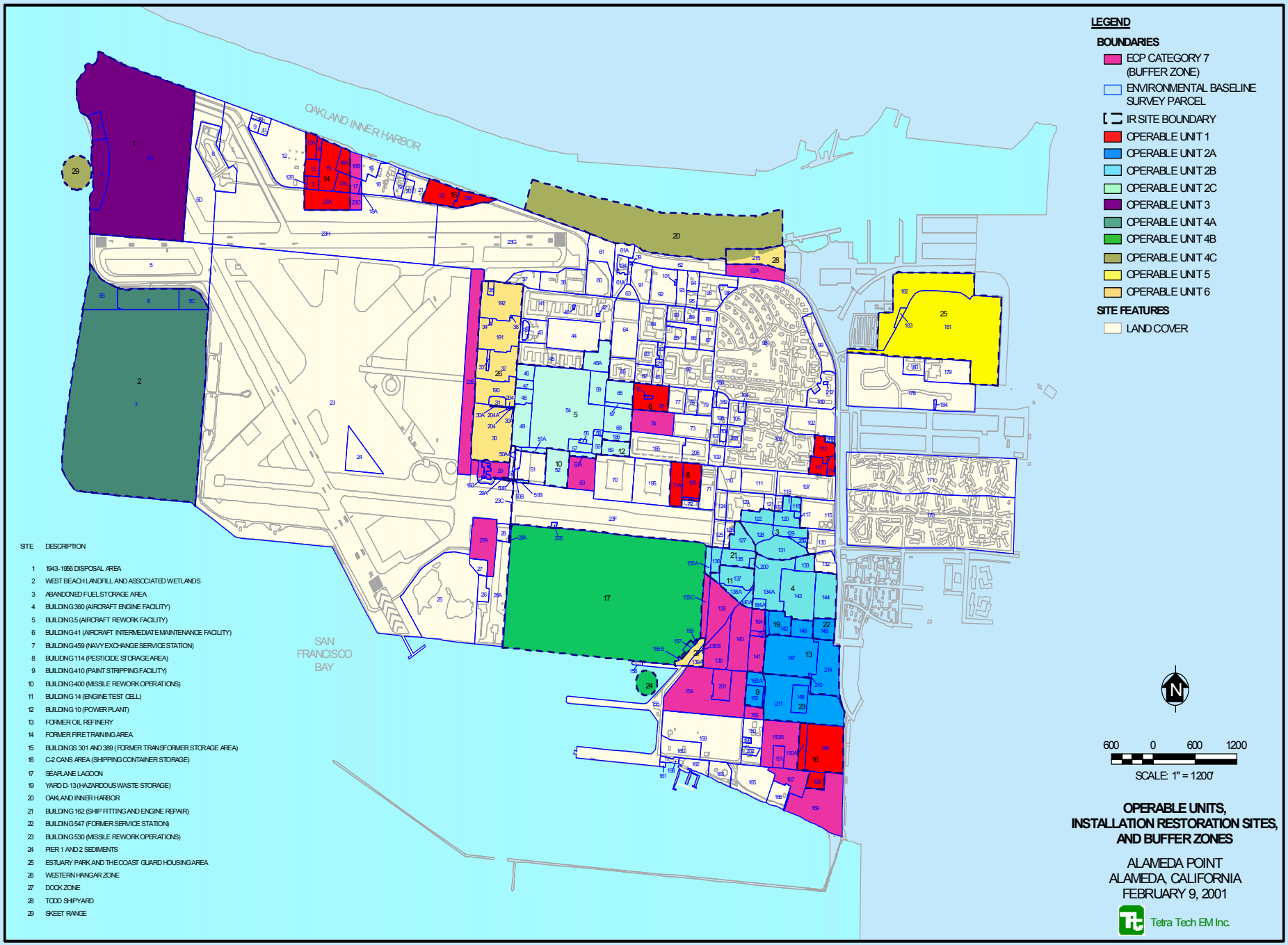
ALAMEDA POINT

ALAMEDA, CALIFORNIA

Remedial Investigation/Feasibility Study Report for IR Sites 14 and 15

Glenna Clark
Remedial Project Manager
NAVFAC Southwest Division

October 1, 2002



OPERABLE UNITS, INSTALLATION RESTORATION SITES, AND BUFFER ZONES

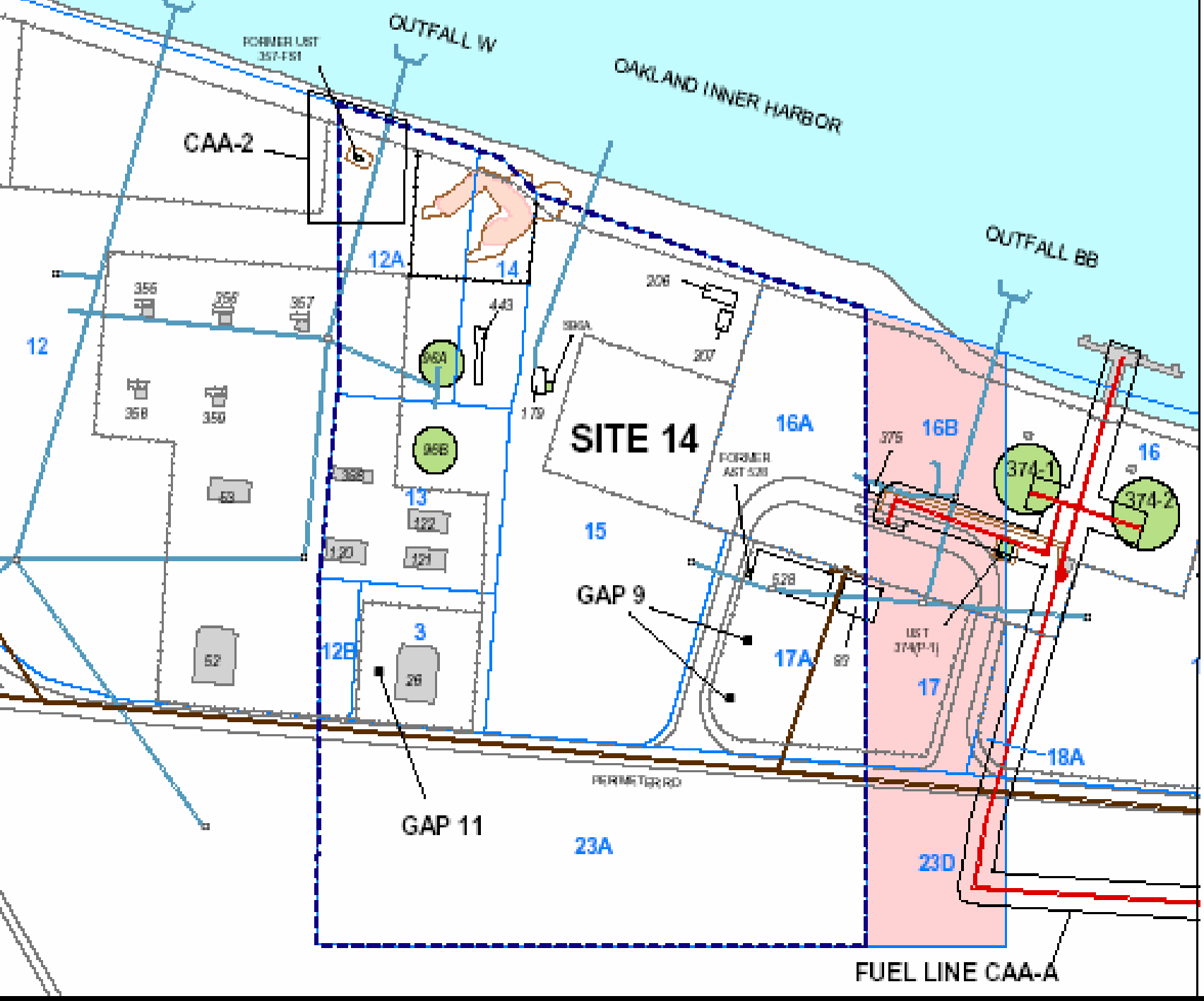
ALAMEDA POINT
ALAMEDA, CALIFORNIA
FEBRUARY 9, 2001

Tetra Tech EM Inc.

U:\GEORGIES\PROJECTS\MISC\NEW3.APR BZ_11_17 LAYOUT 2/9/01

Site 14 – Former Fire Training Area

- Fire training school through 1987
- Burning of waste fuel occurred within bermed area, unburned fuel captured in sump
- Building 528 (maintenance shop)
- CAA-2
- GAP 9
- GAP 11

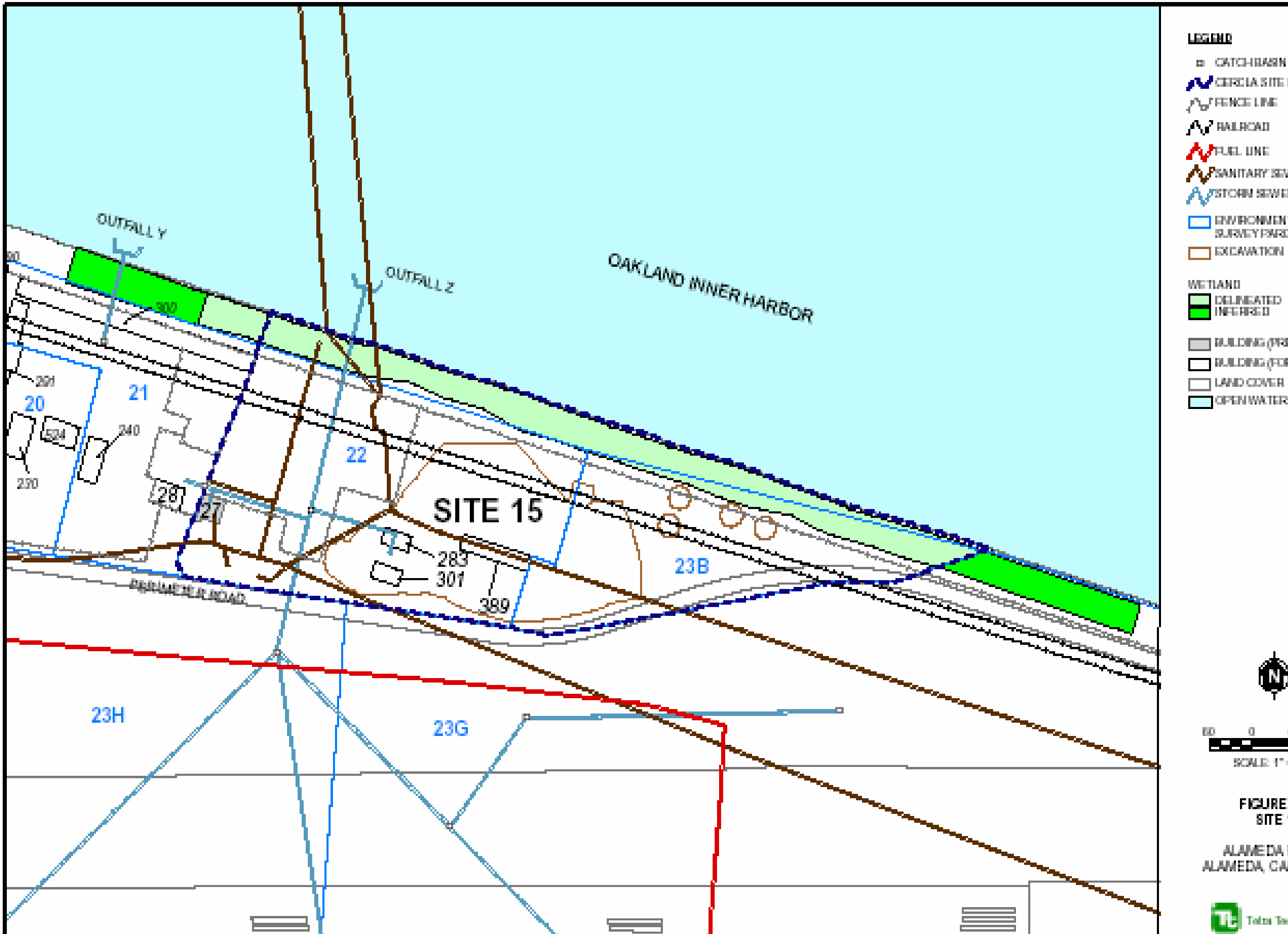

OUTFALL W
OAKLAND INNER HARBOR
OUTFALL BB
FORMER UST 357-FSI
CAA-2
12A
14
12
356
358
357
443
946A
946A
179
206
207
358
359
946B
SITE 14
16A
16B
375
374-1
374-2
16
13
15
FORMER AST 528
528
GAP 9
12B
3
17A
17
18A
UST 374(P-1)
PERIMETER RD
GAP 11
23A
23D
FUEL LINE CAA-A
LEGEND
CATCH BASIN
FENCE LINE
FUEL LINE
SANITARY SEWER
STORM SEWER LI
BUFFER ZONE
STORAGE TANK
EXCAVATION
LAND COVER
OPEN WATER
NOTES:
AST:
CERCLA:
UST:
N
SCALE: 1" = 1
FIGURE 2-
SITE 14
ALAMEDA PO
ALAMEDA, CALI
Tetra Tech

Current Status – Site 14

- CAA-2 – recommending no further action under the TPH Program
- TPH is not a chemical of concern
- Removal Action for dioxins in berm/sump area completed. No further action is recommended.
- No significant risk from soil.
- Groundwater is recommended for remedial action. 1,1-dichloroethane (DCA), 1,2-dichloroethene (DCE), trichloroethene (TCE), and vinyl chloride (VC) exceed the MCL

Site 15 – Former Transformer Storage Area

- Area used for storage of electrical equipment, oil-filled transformers, and machinery
- A non-time critical removal action was conducted in 1995 to excavate surface soil contaminated with PCBs and lead.
- Analytical data from additional soil sampling conducted in 2001 as part of the Data Gap Sampling event failed to verify significant lead and PCB concentrations. As a result, a planned removal action was canceled by the BCT.


OUTFALL Y
OUTFALL Z
OAKLAND INNER HARBOR
SITE 15
20
21
22
23B
23H
23G
28
27
300
291
524
240
270
283
301
389
PERIMETER ROAD
LEGEND
CATCH BASIN
CERCLA SITE
FENCE LINE
RAILROAD
FUEL LINE
SANITARY SEW
STORM SEWE
ENVIRONMEN
SURVEY PARC
EXCAVATION
WETLAND
DELINEATED
INFERRED
BUILDING (PRE
BUILDING (FOR
LAND COVER
OPEN WATER
N
60
0
SCALE: 1"
FIGURE
SITE
ALAMEDA
ALAMEDA, CA
Tetra Te

Current Status – Site 15

- Removal Action for lead and PCBs is complete – no further action
- No significant soil or groundwater risk
- Entire site recommended for no further action

Site 14 Feasibility Study

Remedial Action Objective: Prevent human ingestion of groundwater containing VOCs at concentrations above the state MCLs.

General Response Actions

No Action	No remedial measures will be taken at the site
Land Use Controls	Non-engineered instruments such as administrative and/or legal controls that minimize the potential for human exposure to contamination by limiting land or resource use
Active Remediation	Engineering technologies that minimize or eliminate the potential exposure of human and ecological receptors to contamination by reducing contaminant toxicity, volume, or mobility through treatment or containment

Schedule

Draft Remedial Investigation Report	August 15, 2002
Draft Feasibility Study Report	October 15, 2002
Draft Proposed Plan	March 15, 2003
Draft ROD	September 30, 2003